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DATE MAILED: 11/30/2005

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/756,835	01/13/2004	Axel Knauff	KNAUFF-5	1419
20151 75	90 11/30/2005		EXAMINER	
HENRY M FEIEREISEN, LLC			BARRERA, RAMON M	
350 FIFTH AV	ENUE		ART UNIT	PAPER NUMBER
SUITE 4714			ARTONIT	PAPER NUMBER
NEW YORK, NY 10118			2832	

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)				
	10/756,835	KNAUFF ET AL.				
Office Action Summary	Examiner	Art Unit				
	Ramon M. Barrera	2832				
The MAILING DATE of this communication appeariod for Reply	pears on the cover sheet with the c	orrespondence ad	ldress			
A SHORTENED STATUTORY PERIOD FOR REPL WHICHEVER IS LONGER, FROM THE MAILING D - Extensions of time may be available under the provisions of 37 CFR 1.1 after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period - Failure to reply within the set or extended period for reply will, by statute Any reply received by the Office later than three months after the mailin earned patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATION (36(a). In no event, however, may a reply be time will apply and will expire SIX (6) MONTHS from a cause the application to become ABANDONEI	I. lely filed the mailing date of this coorsists U.S.C. § 133).				
Status						
1) Responsive to communication(s) filed on			•			
	 s action is non-final.					
· <u> </u>						
closed in accordance with the practice under I	closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.					
Disposition of Claims						
4)⊠ Claim(s) <u>1-15</u> is/are pending in the application						
4a) Of the above claim(s) <u>11</u> is/are withdrawn from consideration.						
5) Claim(s) is/are allowed.						
6)⊠ Claim(s) <u>1-10 and 12-15</u> is/are rejected.						
7) Claim(s) is/are objected to.	·					
8) Claim(s) are subject to restriction and/o	or election requirement.					
Application Papers						
9) The specification is objected to by the Examine	er		•			
10)⊠ The drawing(s) filed on <u>13 January 2004</u> is/are: a)⊠ accepted or b)□ objected to by the Examiner.						
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).						
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).						
11) The oath or declaration is objected to by the Ex						
Priority under 35 U.S.C. § 119						
12)⊠ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a)⊠ All b)□ Some * c)□ None of:						
1. Certified copies of the priority document						
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· · · · · · · · · · · · · · · · · · ·						
application from the International Burea	application from the International Bureau (PCT Rule 17.2(a)).					
* See the attached detailed Office action for a list of the certified copies not received.						
•						
Attachment(s)						
1) Notice of References Cited (PTO-892) 4) Interview Summary (PTO-413)						
2) Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail Da	Paper No(s)/Mail Date				
 Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date 6/23/04. 	5) Notice of Informal Pa	5) Notice of Informal Patent Application (PTO-152)6) Other:				

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DETAILED ACTION

Election/Restrictions

1. Claim 11 is withdrawn from further consideration pursuant to 37 CFR 1.142(b) as being drawn to a nonelected invention, there being no allowable generic or linking claim. Election was made without traverse in the reply filed on 4/22/05.

Claim Rejections - 35 USC § 112

- The following is a quotation of the second paragraph of 35 U.S.C. 112:
 The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.
- 3. Claims 4-9 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. In claims 4, 5, 7 and 8, "amagnetic" should be changed to nonmagnetic. Regarding claim 6, the meaning of "CFK" is not understood. Claim 9 inherits the defect in its parent claim.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.
- 5. Claims 1-4, 7, 9, 10, 12, 13, and 14 are rejected under 35 U.S.C. 102(b) as being anticipated by Worley, et al..

Worley's figs. 4 and 6 discloses a rotor for a synchronous motor [paragraphs 29,30] comprising a soft magnetic carrier 18, nonmagnetic carrier 36, axially

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arranged potted (47) magnets (30,32) having a thickness at least twice the thickness of carrier 36. The rotor is inherently attached to shaft 22 by material interconnecting engagement.

6. Claims 1, 2, 4-6, 10, and 12, are rejected under 35 U.S.C. 102(b) as being anticipated by Offringa, et al..

Offringa's fig. 7 discloses a nonmagnetic carbon fiber carrier 20 (col. 5, line 1) having axially arranged magnets 4 having a thickness at least twice the thickness of the carrier.

7. Claims 1-3 and 13-15 are rejected under 35 U.S.C. 102(b) as being anticipated by Kajiura, et al..

Worley's fig. 10 discloses a rotor for a synchronous motor in an electrically propelled vehicle [paragraph 5] comprising a soft magnetic carrier 101a, and magnets 103. The rotor is inherently attached to hollow shaft 1081 by material interconnecting engagement.

Allowable Subject Matter

- 8. Claim 8 would be allowable if rewritten to overcome the rejection(s) under 35 U.S.C. 112, 2nd paragraph, set forth in this Office action and to include all of the limitations of the base claim and any intervening claims.
- 9. The following is a statement of reasons for the indication of allowable subject matter: None of the prior art taught or disclosed wherein the permanent magnets have a radial thickness of 3.5 mm, the nonmagnetic carrier material has a thickness of 0.5 to 1.0 mm, and the soft-magnetic carrier material has a thickness of 0.5 mm.

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10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ramon M. Barrera whose telephone number is (571) 272-1987. The examiner can normally be reached on Monday through Friday from 11 to 5PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Elvin G. Enad can be reached on (571) 272-1990. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Kamon M Barrera Ramon M Barrera Primary Examiner Art Unit 2832

rmb